Sec.

1017. Cooperative or unit plan of development or operation of geothermal pool, field, or like area; public interest; determination and certification; regulations; protection of parties in interest; authority respecting rate of prospecting, development, and production; five year review; leases excepted from control for purposes of State acreage limitation.

1018. Data from Federal agencies concerning conversion charges; confidential information.

 Disposal of moneys from sales, bonuses, royalties and rentals.

1020. Publication in Federal Register of known geothermal resource area lands; necessity of geothermal leases for development or production of geothermal resources in lands which the United States transferred with reservation of mineral rights.

1021. Federal exemption from State water laws.
 1022. Waste, prevention; exclusiveness of provisions for acquisition of geothermal rights.

for acquisition of geothermal rights.

1023. Rules and regulations; scope of provisions.

1024. Disposal of land laws; reservation of geo-

thermal resources and restriction on disposal of lands with geothermal resources; conveyances prior to December 24, 1970, unaffected.

1025. Federal reservation of certain mineral rights; extraction of minerals without substantial interference with geothermal production.

1026. Significant thermal features.

(a) Units of National Park System.

(b) Monitoring program.

(c) Lease application; adverse effect.

(d) Lease stipulations.

(e) Lands administered by Department of Agriculture.

(f) Prohibition.

1027. Lands subject to prohibition on leasing.1028. Hot dry rock geothermal energy.

(a) USGS program.

(b) Authorization of appropriations.

CHAPTER REFERRED TO IN OTHER SECTIONS

This chapter is referred to in sections 191, 226–3, 530 of this title; title 16 sections 410mm–1, 460yy–1, 539g, 543c; title 43 section 299.

§ 1001. Definitions

As used in this chapter, the term—

- (a) "Secretary" means the Secretary of the Interior:
- (b) "geothermal lease" means a lease issued under authority of this chapter;
- (c) "geothermal steam and associated geothermal resources" means (i) all products of geothermal processes, embracing indigenous steam, hot water and hot brines; (ii) steam and other gases, hot water and hot brines resulting from water, gas, or other fluids artificially introduced into geothermal formations; (iii) heat or other associated energy found in geothermal formations; and (iv) any byproduct derived from them:
- (d) "byproduct" means any mineral or minerals (exclusive of oil, hydrocarbon gas, and helium) which are found in solution or in association with geothermal steam and which have a value of less than 75 per centum of the value of the geothermal steam or are not, because of quantity, quality, or technical difficulties in extraction and production, of sufficient value to warrant extraction and production by themselves:

- (e) "known geothermal resources area" means an area in which the geology, nearby discoveries, competitive interests, or other indicia would, in the opinion of the Secretary, engender a belief in men who are experienced in the subject matter that the prospects for extraction of geothermal steam or associated geothermal resources are good enough to warrant expenditures of money for that purpose.
- (f) "Significant 1 thermal features within units of the National Park System" shall include, but not be limited to, the following:
 - (1) Thermal features within units of the National Park System listed in Section 1026(a)(1) of this title and designated as significant in the Federal Register notice of August 3, 1987 (Vol. 52, No. 148 Fed. Reg. 28790).
 - (2) Crater Lake National Park.
 - (3) Thermal features within Big Bend National Park and Lake Mead National Recreation Area proposed as significant in the Federal Register notice of February 13, 1987 (Vol. 52, No. 30 Fed. Reg. 4700).
 - (4) Thermal features within units of the National Park System added to the significant thermal features list pursuant to section 1026(a)(2) of this title.

(Pub. L. 91–581, §2, Dec. 24, 1970, 84 Stat. 1566; Pub. L. 100–443, §2(a), Sept. 22, 1988, 102 Stat. 1766.)

AMENDMENTS

1988-Par. (f). Pub. L. 100-443 added par. (f).

SHORT TITLE OF 1988 AMENDMENT

Section 1 of Pub. L. 100-443 provided that: "This Act [enacting sections 1026 and 1027 of this title, amending this section and sections 191, 226-3, 1005, 1017, and 1019 of this title, and enacting provisions set out as notes under sections 1005 and 1026 of this title] may be known as the 'Geothermal Steam Act Amendments of 1988'."

SHORT TITLE

Section 1 of Pub. L. 91-581 provided: "That this Act [enacting this chapter and amending section 530 of this title] may be cited as the 'Geothermal Steam Act of 1970."

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 1005, 1026 of this title.

§ 1002. Lands subject to geothermal leasing

Subject to the provisions of section 1014 of this title, the Secretary of the Interior may issue leases for the development and utilization of geothermal steam and associated geothermal resources (1) in lands administered by him, including public, withdrawn, and acquired lands, (2) in any national forest or other lands administered by the Department of Agriculture through the Forest Service, including public, withdrawn, and acquired lands, and (3) in lands which have been conveyed by the United States subject to a reservation to the United States of the geothermal steam and associated geothermal resources therein.

(Pub. L. 91–581, §3, Dec. 24, 1970, 84 Stat. 1566.)

¹So in original. Probably should not be capitalized.